

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:53 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 389 Const Calendar Day: 107 Date: 19-Sep-2012 Wednesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 08:15 AM 06:00 PM Break: 00:30 Over Time: 01:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

Phase 1 Load Transfer

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Phase-1 load transfer (LT) step 4a-Add was started
- Installation of the suspender jacking brackets at PPs 106 & 110 was completed
- Re-tensioning of cable band (CB) bolts was ongoing
- Misc Cable work for the phase-3 suspenders was ongoing

Today I was inspecting the LT suspender jacking operation on the South cable. Also, I inspected the installation of PPs 106 & 110 suspender jacking brackets & other misc Cable work. See the diaries of Laraine Woo & Sami Daouk for additional details for the South cable suspender jacking as they were also inspecting this work. See the diary of others for information on the North cable suspender jacking, cable band bolt tensioning, & other misc work.

- I arrived at the pier 7 office at 08:15. I was asked to stagger my shift to a later start time to cover longer shifts by the contractor.
- From 08:15 until 09:15, I did misc office work at pier 7 (printed paperwork that will be needed during field inspection, checked email, etc).
- At 09:30, I arrived on the bridge. At this time, they were still working on the installation of the suspender jacking brackets at PPs 106 & 110.
- From 11:00 until 14:00, they were installing the suspender anchor rods in the North & South side spans.
- From 12:30 until 15:00, one crew was swinging out the phase-3 suspenders from their free-hanging position, & loosely connecting them to the suspender brackets with chain-falls. I was intermittently keeping an eye on this operation to make sure that they do not damage the suspender ropes. They connected the last of the phase-3 suspenders in the North main-span today.
- At 15:00, they had substantially completed the installation of the suspender jacking brackets at PPs 106 & 110 (they still needed to connect the hydraulics). I took some preliminary remaining jacking length (RJL) measurements at PPs 106S & 110S to see how much they needed to jack to get to step 4a-Add. At PP110S, they needed 310mm of jacking displacement to get to step 4a-Add. However, at PP106S, the measurement showed that the RJL was already about 500mm beyond step 4a-add. They will not need to do any jacking at PP106S until about step 4c-Adj. I asked Victor Altamarano if they had similar numbers on the North cable, & he mentioned that the North numbers were similar.
- At 16:30, jacking on the LT step 4a-Add suspenders on the South cable was started on the North cable.
- At 17:10, the crews wrapped up their tools to end the shift.
- At 17:30, I left the bridge.
- From 17:40 until 18:00, I wrote my diary for the day & checked email.



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Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 389

Date: 19-Sep-2012 **Wednesday**

